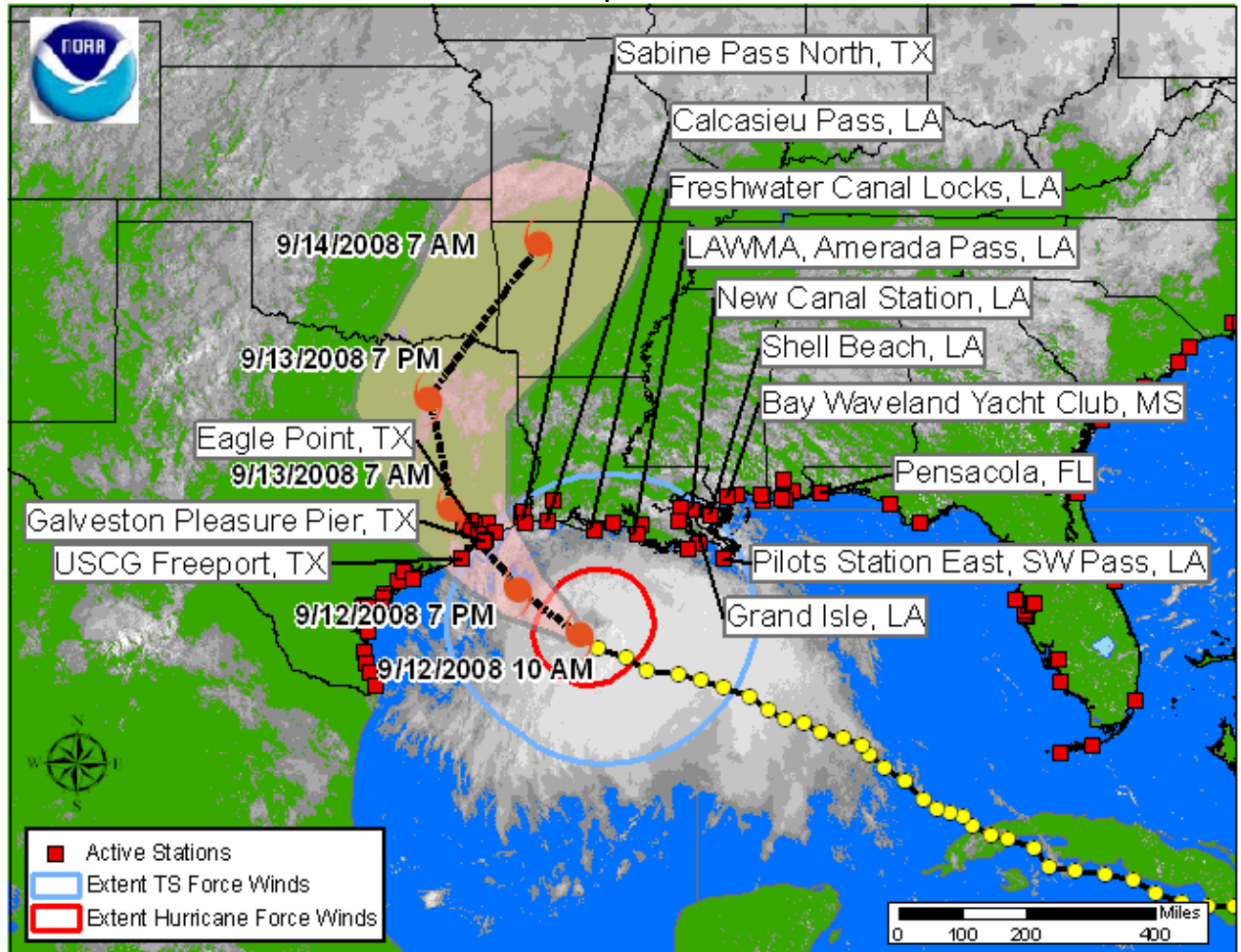




Hurricane IKE QuickLook
Posted: 12:00 CDT 09/12/2008

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 09/12/2008 12:00 CDT, water levels are rapidly rising along the Gulf Coast from Mississippi to southern Texas and range from 5 to over 7 feet above predicted. The highest water levels are being recorded at Shell Beach, LA and Freshwater Canal Locks, LA. Water levels along the Florida panhandle are elevated up to 2 feet above predicted. Barometric pressure is falling along the Louisiana and Texas coasts. Winds are increasing across Mississippi, Louisiana and Texas, with winds at Calcasieu Pass, LA recording gusts nearly 50 knots.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Freshwater Canal Locks, LA: Next predicted high tide is 1.83 ft (0.56 m) at 09/13/2008 03:12

CDT.

LAWMA, Amerada Pass, LA: Next predicted high tide is 1.30 ft (0.40 m) at 09/12/2008 13:38 CDT.

Grand Isle, LA: Next predicted high tide is 1.31 ft (0.40 m) at 09/13/2008 09:13 CDT.

Pilots Station East, SW Pass, LA: Next predicted high tide is 1.49 ft (0.48 m) at 09/13/2008 08:36 CDT.

New Canal Station, LA: Next predicted high tide is 0.40 ft (0.12 m) at 09/12/2008 18:38 CDT.

Shell Beach, LA: Next predicted high tide is 1.50 ft (0.46 m) at 09/12/2008 18:27 CDT.

Bay Waveland Yacht Club, MS: Next predicted high tide is 1.81 ft (0.55 m) at 09/13/2008 11:36 CDT.

Pensacola, FL: Next predicted high tide is 1.58 ft (0.48 m) at 09/13/2008 10:12 CDT.

Calcasieu Pass, LA: Next predicted high tide is 1.90 ft (0.58 m) at 09/12/2008 12:53 CDT.

Sabine Pass North, TX: Next predicted high tide is 1.60 ft (0.49 m) at 09/12/2008 13:28 CDT.

Galveston Pleasure Pier, TX: Next predicted high tide is 1.80 ft (0.55 m) at 09/12/2008 13:03 CDT.

Eagle Point, TX: Next predicted high tide is 1.35 ft (0.41 m) at 09/13/2008 08:48 CDT.

USCG Freeport, TX: Next predicted high tide is 1.40 ft (0.43 m) at 09/12/2008 12:20 CDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst: KG

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

HURRICANE IKE ADVISORY NUMBER 46

1000 AM CDT FRI SEP 12 2008

**100 MPH PLUS WINDS EXPECTED ALONG THE UPPER-TEXAS COAST BY MIDNIGHT
WEATHER SHOULD DETERIORATE EARLIER**

**A HURRICANE WARNING REMAINS IN EFFECT FROM MORGAN CITY LOUISIANA TO
BAFFIN BAY TEXAS. HURRICANE CONDITIONS ARE EXPECTED TO REACH THE COAST IN
THE WARNING AREA LATER TODAY.**

A TROPICAL STORM WARNING REMAINS IN EFFECT SOUTH OF BAFFIN BAY TO PORT MANSFIELD TEXAS. A TROPICAL STORM WARNING IS ALSO IN EFFECT FROM EAST OF MORGAN CITY TO THE MISSISSIPPI-ALABAMA BORDER INCLUDING THE CITY OF NEW ORLEANS AND LAKE PONTCHARTRAIN.

AT 1000 AM CDT THE CENTER OF HURRICANE IKE WAS LOCATED ABOUT 295 MILES EAST OF CORPUS CHRISTI TEXAS AND ABOUT 195 MILES SOUTHEAST OF GALVESTON TEXAS.

IKE IS MOVING TOWARD THE WEST-NORTHWEST NEAR 12 MPH . A TURN TOWARD THE NORTHWEST IS EXPECTED LATER TODAY WITH A TURN TOWARD THE NORTH EXPECTED ON SATURDAY. ON THE FORECAST TRACK THE CENTER OF IKE WILL BE VERY NEAR THE UPPER TEXAS COAST BY LATE TODAY OR EARLY SATURDAY. HOWEVER BECAUSE IKE IS A VERY LARGE TROPICAL CYCLONE WEATHER WILL BEGIN TO DETERIORATE ALONG THE COASTLINE SOON.

MAXIMUM SUSTAINED WINDS REMAIN NEAR 105 MPH WITH HIGHER GUSTS.

IKE IS A CATEGORY TWO HURRICANE ON THE SAFFIR-SIMPSON SCALE BUT COULD REACH THE COAST AS A CATEGORY THREE MAJOR HURRICANE. STRONGER WINDS ESPECIALLY IN GUSTS ARE LIKELY ON HIGH RISE BUILDINGS.

IKE REMAINS A VERY LARGE TROPICAL CYCLONE. HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 120 MILES 195 KM FROM THE CENTER AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 275 MILES 445 KM.

ESTIMATED MINIMUM CENTRAL PRESSURE FROM A RECONNAISSANCE AIRCRAFT IS 954 MB 28.17 INCHES.

COASTAL STORM SURGE FLOODING OF UP TO 20 FEET WITH A FEW SPOTS TO NEAR 25 FEET ABOVE NORMAL TIDE ALONG WITH LARGE AND DANGEROUS BATTERING WAVES CAN BE EXPECTED NEAR AND TO THE EAST OF WHERE THE CENTER OF IKE MAKES LANDFALL. THE SURGE EXTENDS A GREATER THAN USUAL DISTANCE FROM THE CENTER DUE TO THE LARGE SIZE OF THE CYCLONE. WATER LEVELS HAVE ALREADY RISEN BY MORE THAN 5 FEET ALONG MUCH OF THE NORTHWESTERN GULF COAST.

IKE IS EXPECTED TO PRODUCE RAINFALL AMOUNTS OF 5 TO 10 INCHES OVER EASTERN TEXAS AND EXTREME SOUTHWESTERN LOUISIANA WITH ISOLATED AMOUNTS OF 15 INCHES POSSIBLE.

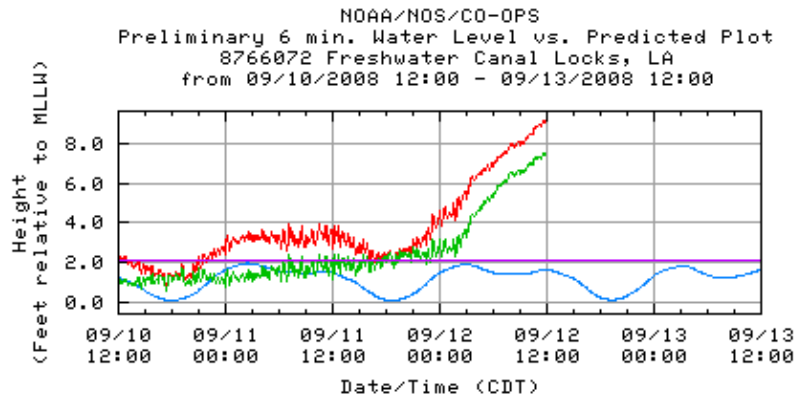
ISOLATED TORNADOES ARE POSSIBLE TODAY OVER PORTIONS OF SOUTHERN LOUISIANA AND EXTREME SOUTHERN MISSISSIPPI. ISOLATED TORNADOES ARE POSSIBLE TONIGHT OVER PORTIONS OF SOUTHWESTERN LOUISIANA AND SOUTHEASTERN TEXAS.

FORECASTER AVILA

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Freshwater Canal Locks - Water Level](#), [LAWMA, Amerada Pass - Water Level](#), [LAWMA, Amerada Pass - Winds](#), [LAWMA, Amerada Pass - Barometric](#), [Grand Isle - Water Level](#), [Grand Isle - Winds](#), [Grand Isle - Barometric](#), [Pilots Station East, SW Pass - Water Level](#), [Pilots Station East, SW Pass - Winds](#), [Pilots Station East, SW Pass - Barometric](#), [New Canal Station - Water Level](#), [New Canal Station - Winds](#), [New Canal Station - Barometric](#), [Shell Beach - Water Level](#), [Shell Beach - Winds](#), [Shell Beach - Barometric](#), [Bay Waveland Yacht Club - Water Level](#), [Bay Waveland Yacht Club - Winds](#), [Bay Waveland Yacht Club - Barometric](#), [Pensacola - Water Level](#), [Pensacola - Barometric](#), [Calcasieu Pass - Water Level](#), [Calcasieu Pass - Winds](#), [Calcasieu Pass - Barometric](#), [Sabine Pass North - Water Level](#), [Sabine Pass North - Winds](#), [Sabine Pass North - Barometric](#), [Galveston Pleasure Pier - Water Level](#), [Galveston Pleasure Pier - Winds](#), [Galveston Pleasure Pier - Barometric](#), [Eagle Point - Water Level](#), [Eagle Point - Winds](#), [Eagle Point - Barometric](#), [USCG Freeport - Water Level](#), [USCG Freeport - Winds](#), [USCG Freeport - Barometric](#),

Freshwater Canal Locks, LA - Station Map [Return to List](#)

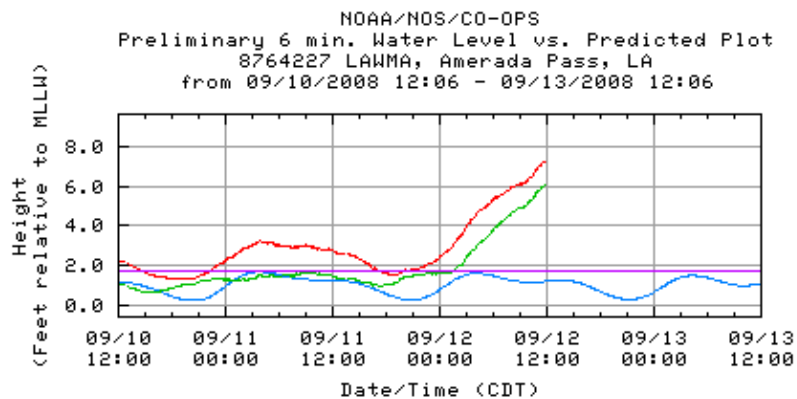


Last Observed Sample: 09/12/2008 11:48 (CDT)

Relative to **MLLW**: **Observed: 9.05 ft. Predicted: 1.65 ft. Residual: 7.40 ft.**

Historical Maximum Water Level: n/a

LAWMA, Amerada Pass, LA - Station Map [Return to List](#)

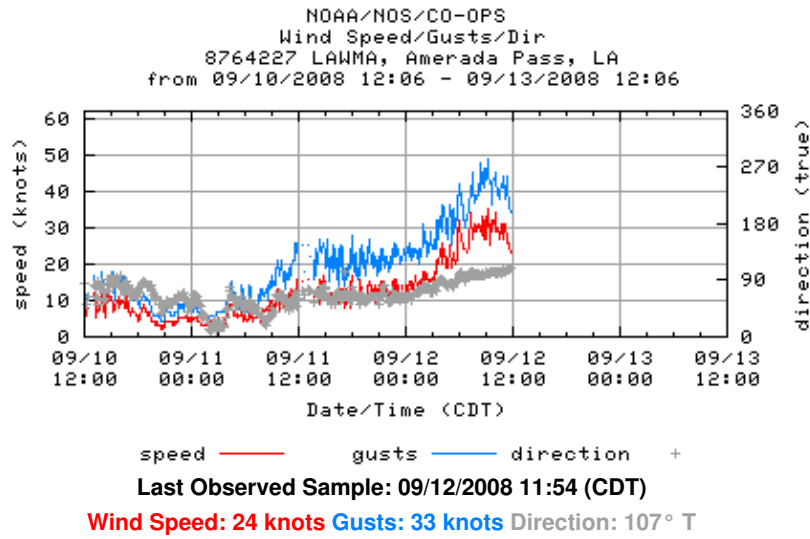


Last Observed Sample: 09/12/2008 11:54 (CDT)

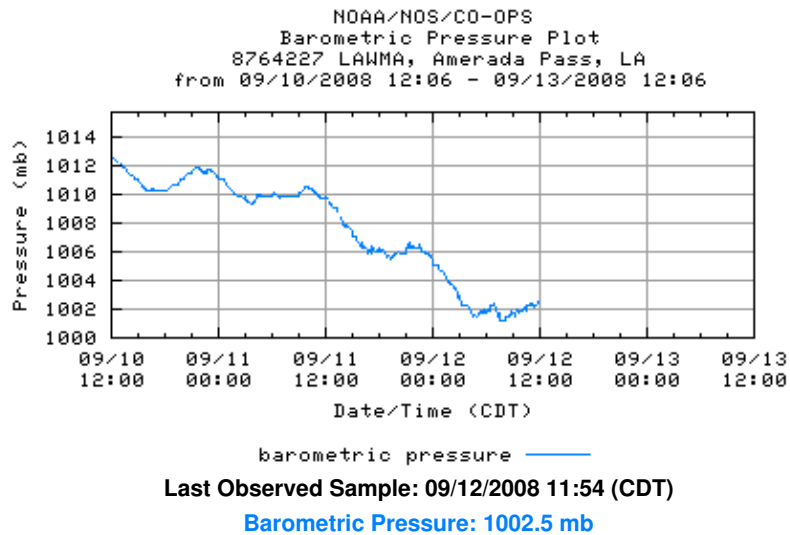
Relative to **MLLW**: **Observed: 7.25 ft. Predicted: 1.22 ft. Residual: 6.03 ft.**

Historical Maximum Water Level: n/a

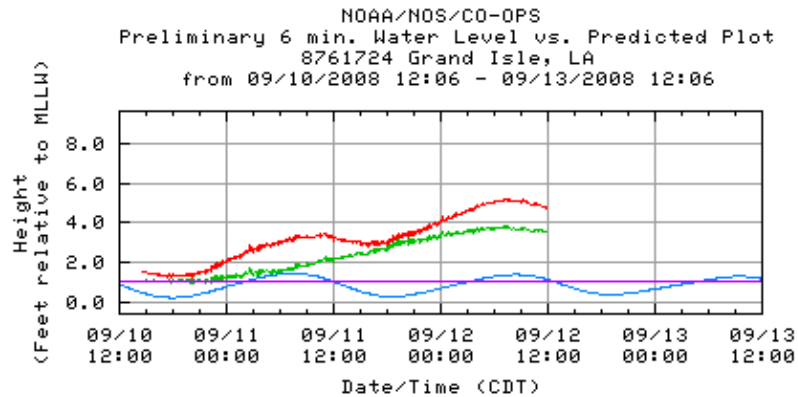
LAWMA, Amerada Pass, LA - Station Map [Return to List](#)



LAWMA, Amerada Pass, LA - Station Map [Return to List](#)

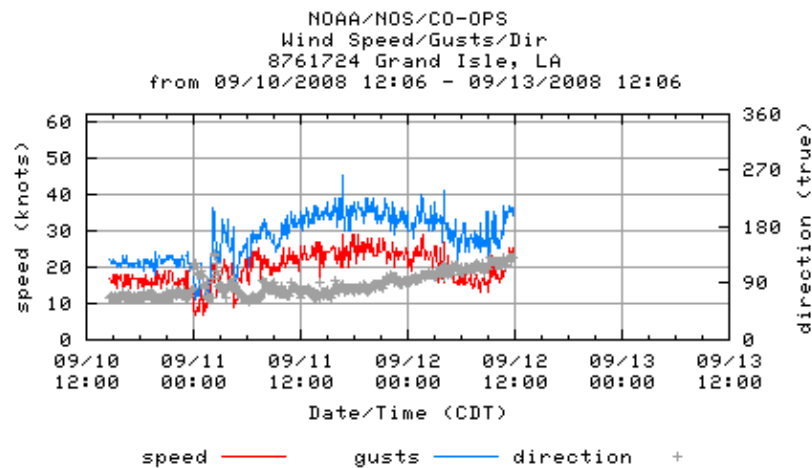


Grand Isle, LA - Station Map [Return to List](#)



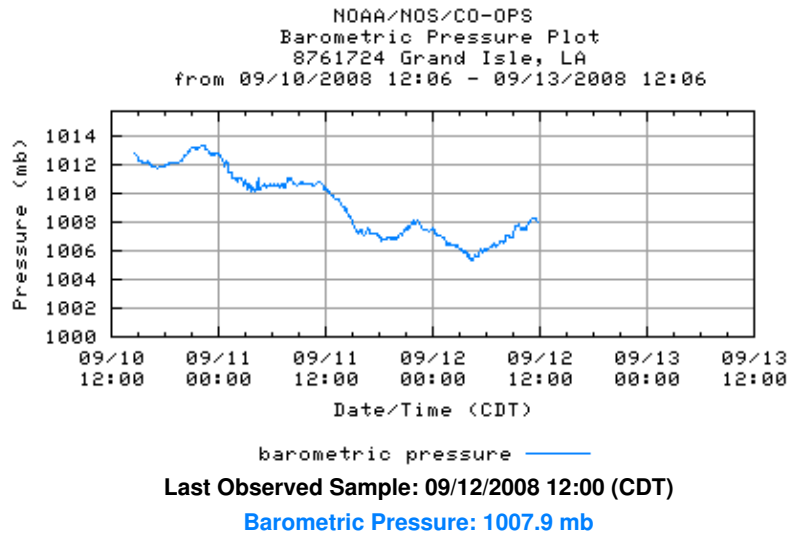
Last Observed Sample: 09/12/2008 12:00 (CDT)
Relative to **MLLW**: **Observed: 4.71 ft. Predicted: 1.17 ft. Residual: 3.54 ft.**
Historical Maximum Water Level: n/a

Grand Isle, LA - Station Map [Return to List](#)

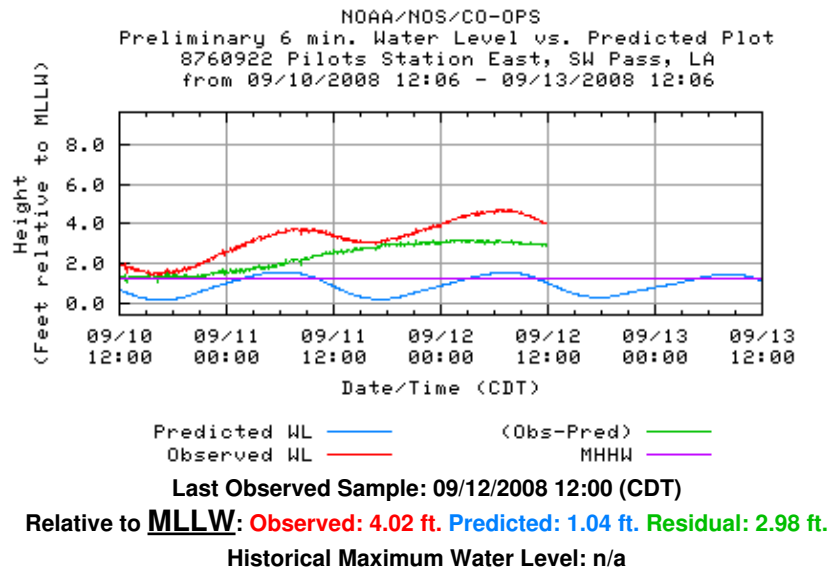


Last Observed Sample: 09/12/2008 12:00 (CDT)
Wind Speed: 22 knots Gusts: 35 knots Direction: 133° T

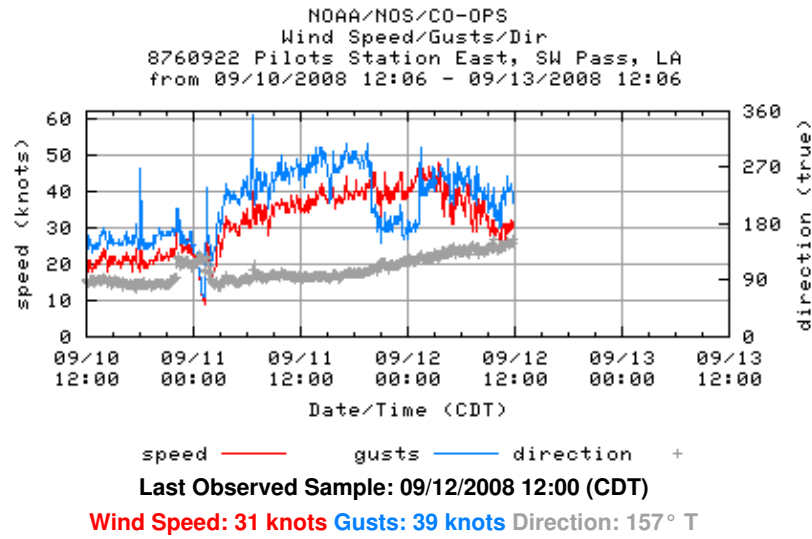
Grand Isle, LA - Station Map [Return to List](#)



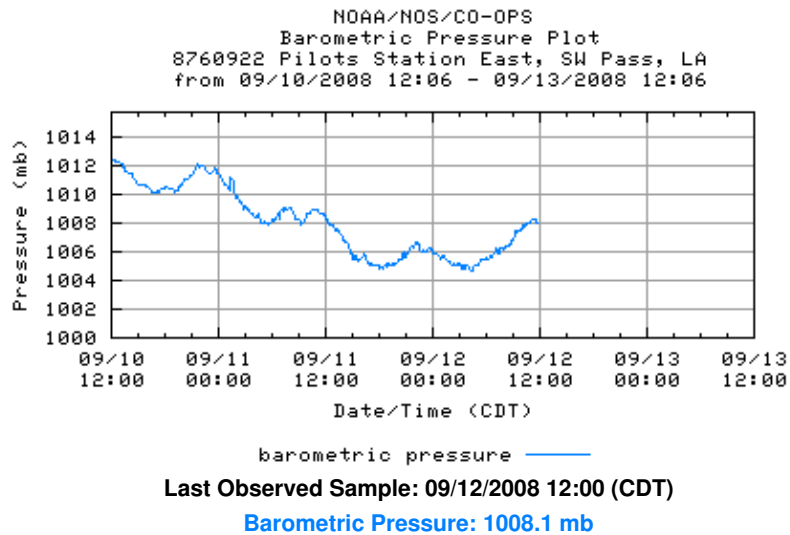
Pilots Station East, SW Pass, LA - Station Map [Return to List](#)



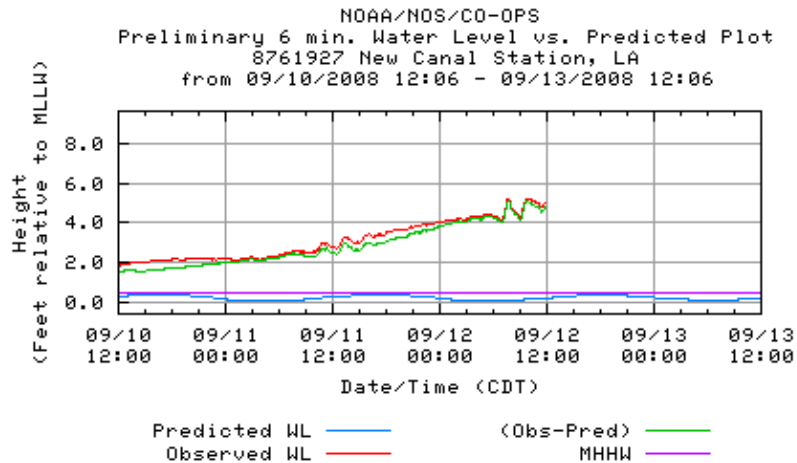
Pilots Station East, SW Pass, LA - Station Map [Return to List](#)



Pilots Station East, SW Pass, LA - Station Map [Return to List](#)



New Canal Station, LA - Station Map [Return to List](#)

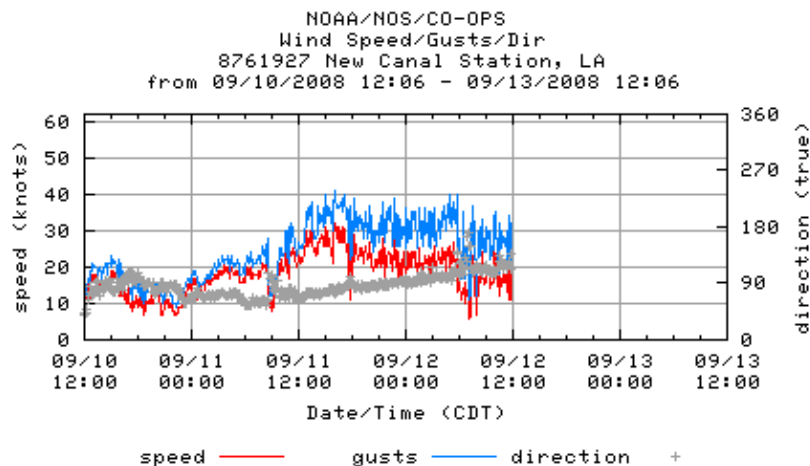


Last Observed Sample: 09/12/2008 11:54 (CDT)

Relative to **MLLW**: **Observed: 5.01 ft. Predicted: 0.24 ft. Residual: 4.77 ft.**

Historical Maximum Water Level: 09/10/1988, 3.18 ft. above **MHHW**

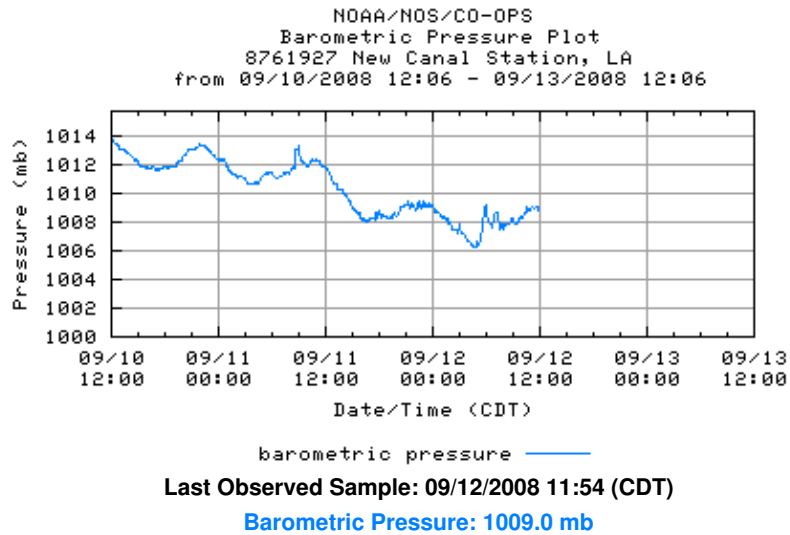
New Canal Station, LA - Station Map [Return to List](#)



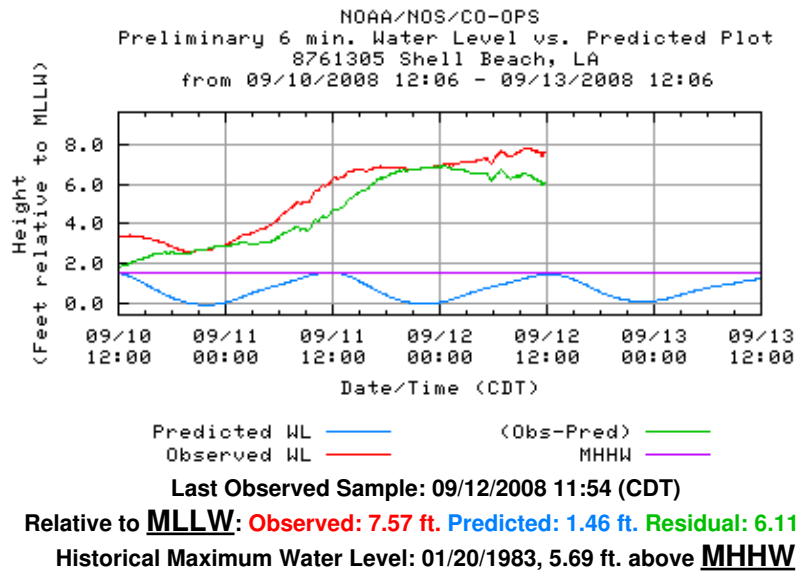
Last Observed Sample: 09/12/2008 11:54 (CDT)

Wind Speed: 11 knots Gusts: 22 knots Direction: 136° T

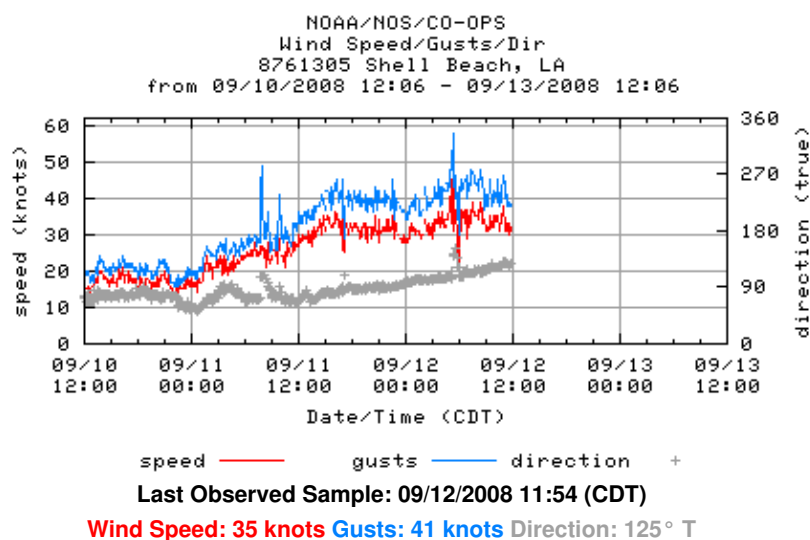
New Canal Station, LA - Station Map [Return to List](#)



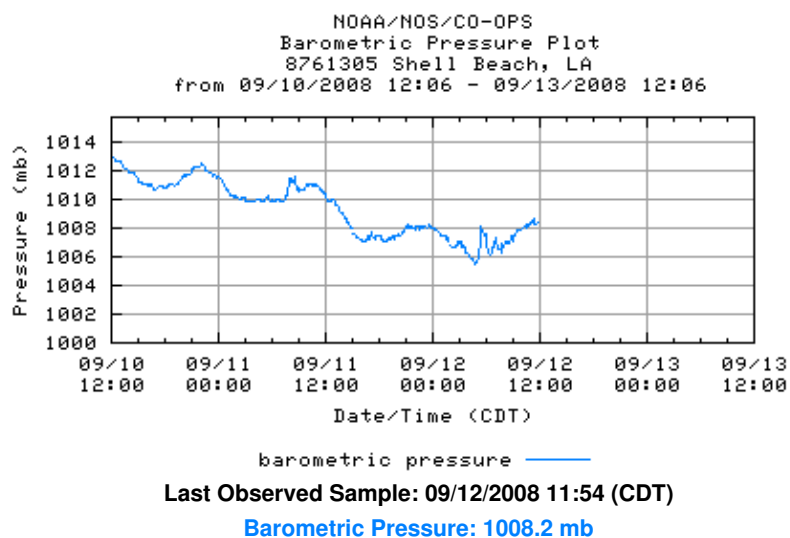
Shell Beach, LA - Station Map [Return to List](#)



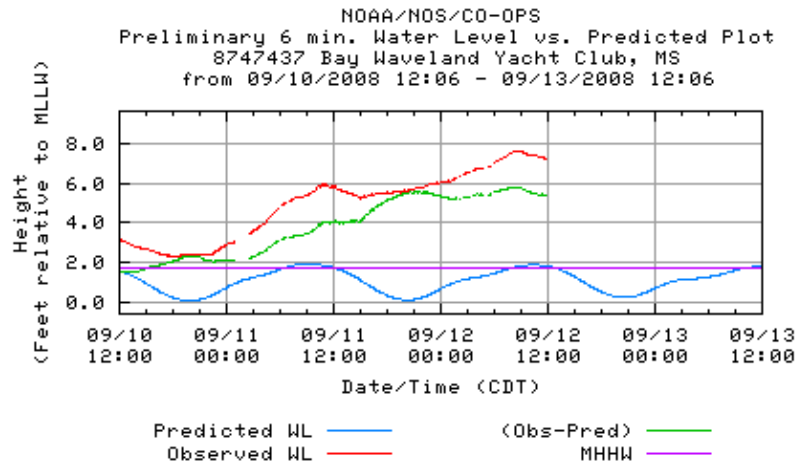
Shell Beach, LA - Station Map [Return to List](#)



Shell Beach, LA - Station Map [Return to List](#)



Bay Waveland Yacht Club, MS - Station Map [Return to List](#)

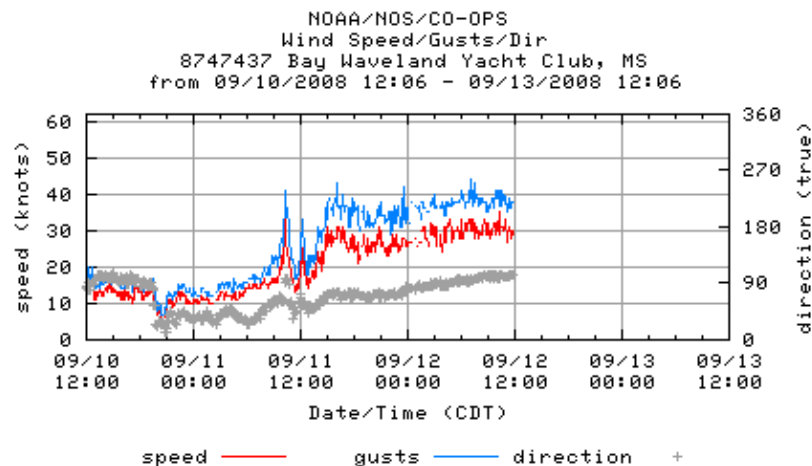


Last Observed Sample: 09/12/2008 11:48 (CDT)

Relative to **MLLW**: **Observed: 7.20 ft.** **Predicted: 1.85 ft.** **Residual: 5.35 ft.**

Historical Maximum Water Level: 10/28/1985, 5.05 ft. above **MHHW**

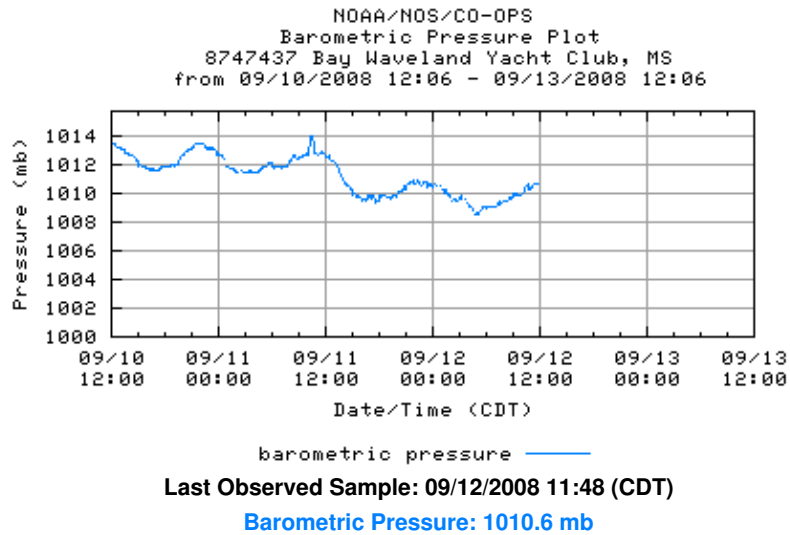
Bay Waveland Yacht Club, MS - Station Map [Return to List](#)



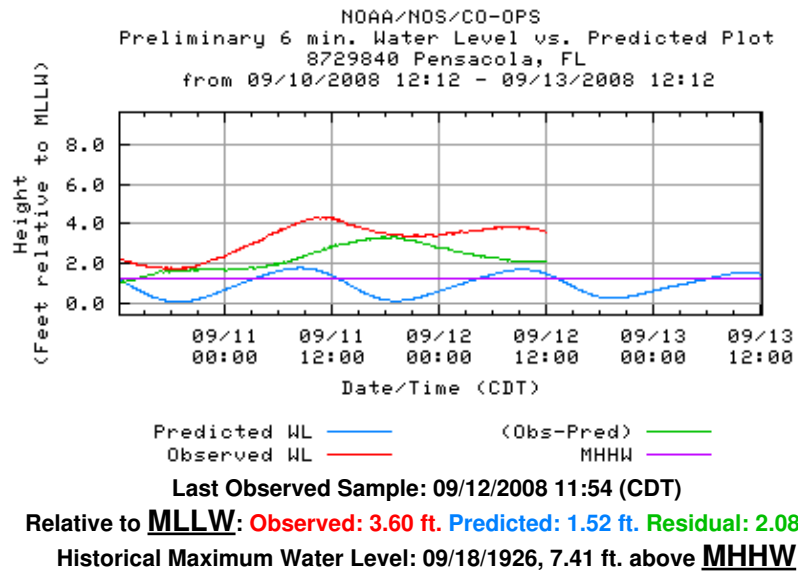
Last Observed Sample: 09/12/2008 11:48 (CDT)

Wind Speed: 30 knots **Gusts: 38 knots** **Direction: 105° T**

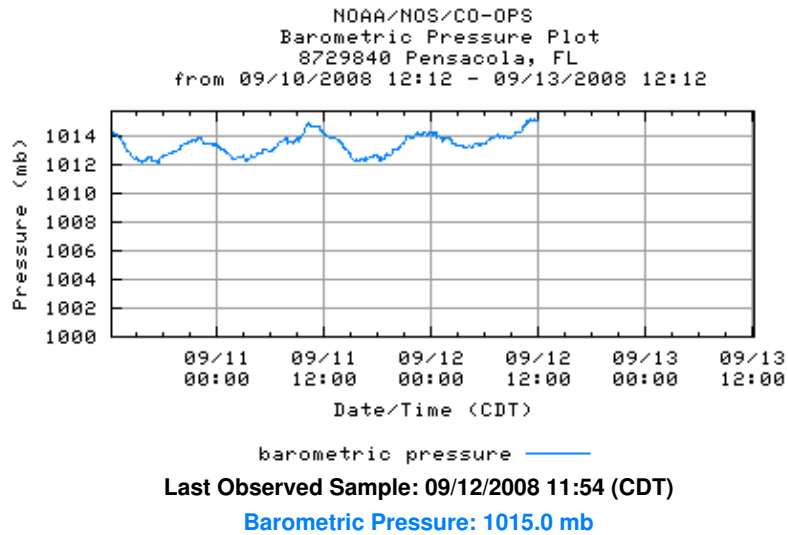
Bay Waveland Yacht Club, MS - Station Map [Return to List](#)



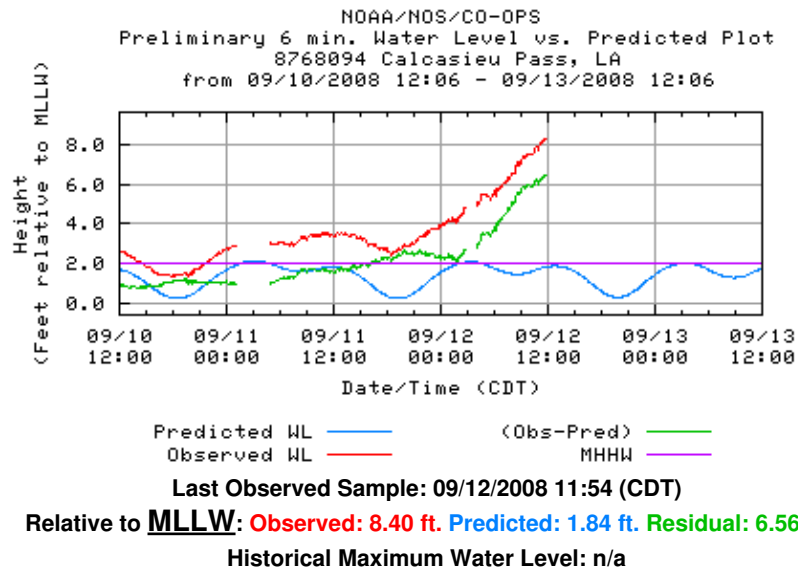
Pensacola, FL - Station Map [Return to List](#)



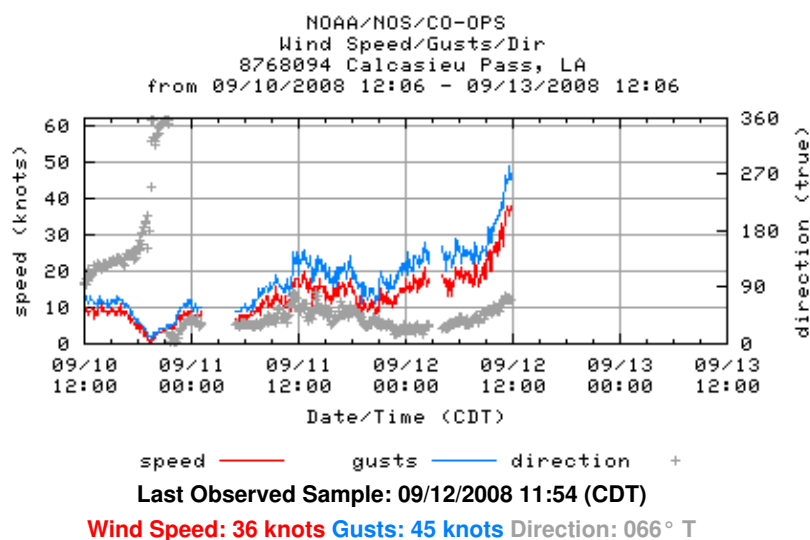
Pensacola, FL - Station Map [Return to List](#)



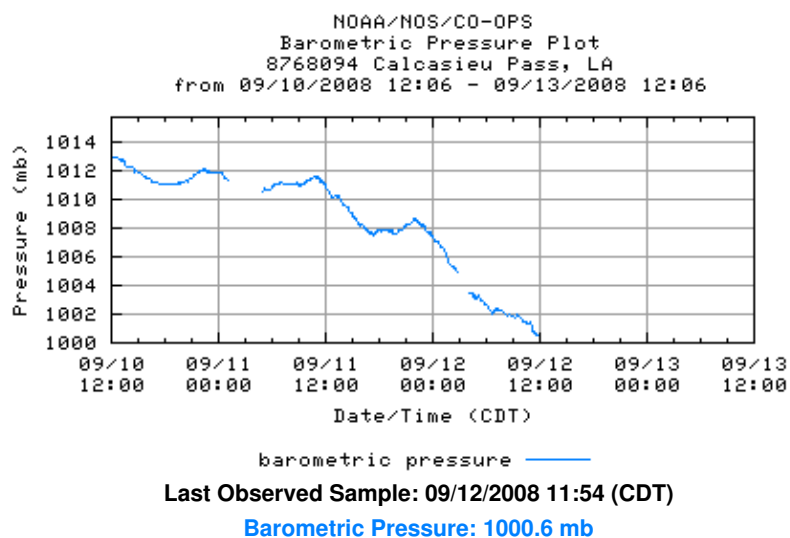
Calcasieu Pass, LA - Station Map [Return to List](#)



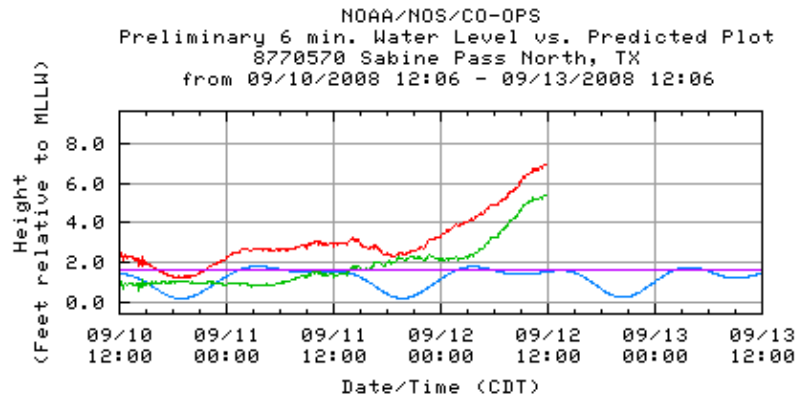
Calcasieu Pass, LA - Station Map [Return to List](#)



Calcasieu Pass, LA - Station Map [Return to List](#)



Sabine Pass North, TX - Station Map [Return to List](#)

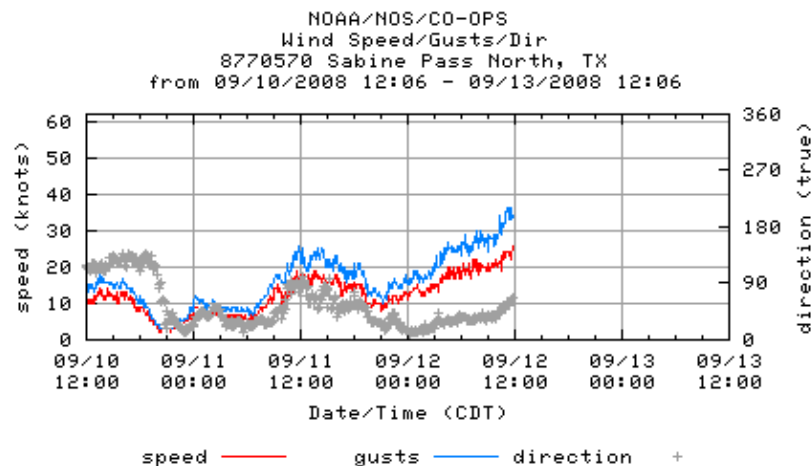


Last Observed Sample: 09/12/2008 11:54 (CDT)

Relative to **MLLW**: **Observed: 6.95 ft. Predicted: 1.55 ft. Residual: 5.40 ft.**

Historical Maximum Water Level: 09/11/1998, 3.32 ft. above **MHHW**

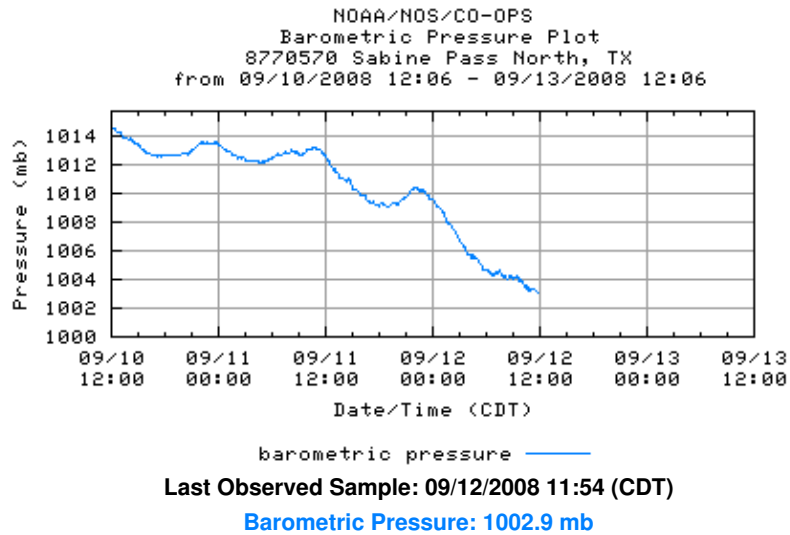
Sabine Pass North, TX - Station Map [Return to List](#)



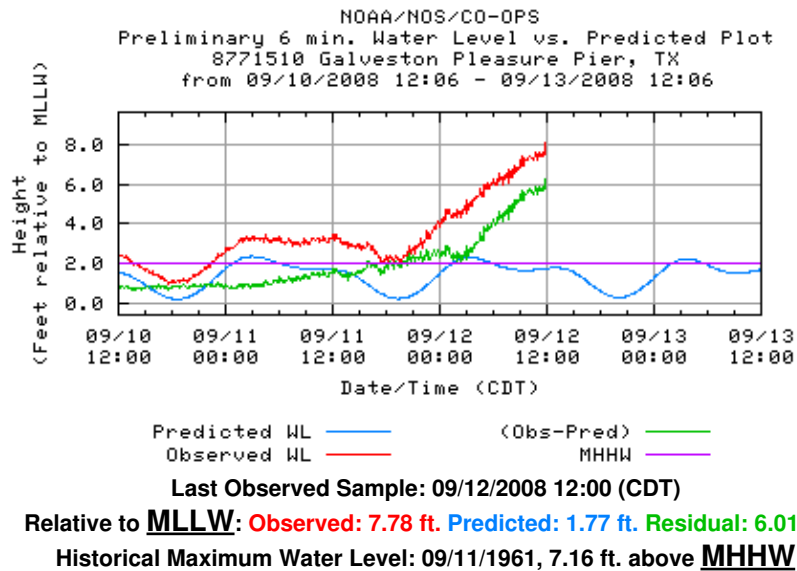
Last Observed Sample: 09/12/2008 11:54 (CDT)

Wind Speed: 27 knots Gusts: 36 knots Direction: 068° T

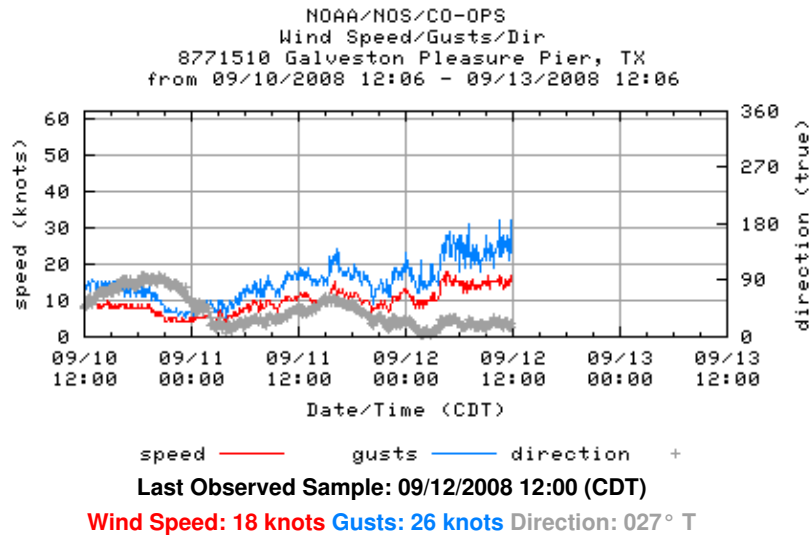
Sabine Pass North, TX - Station Map [Return to List](#)



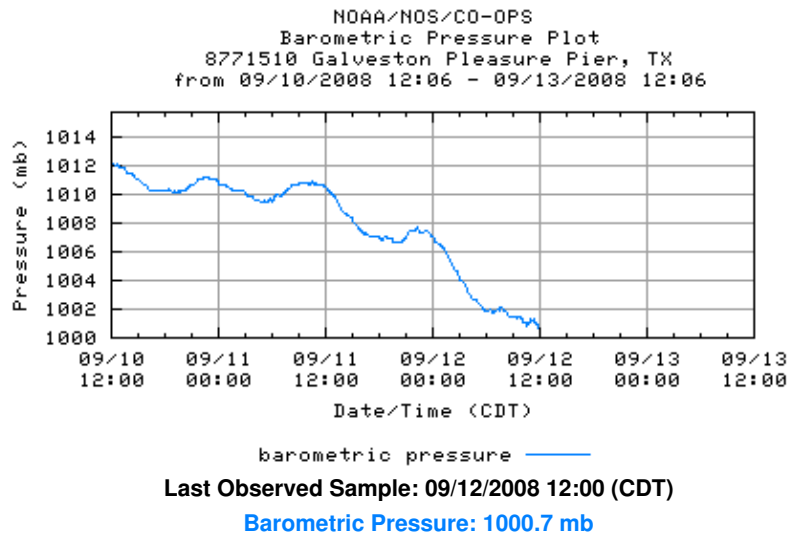
Galveston Pleasure Pier, TX - Station Map [Return to List](#)



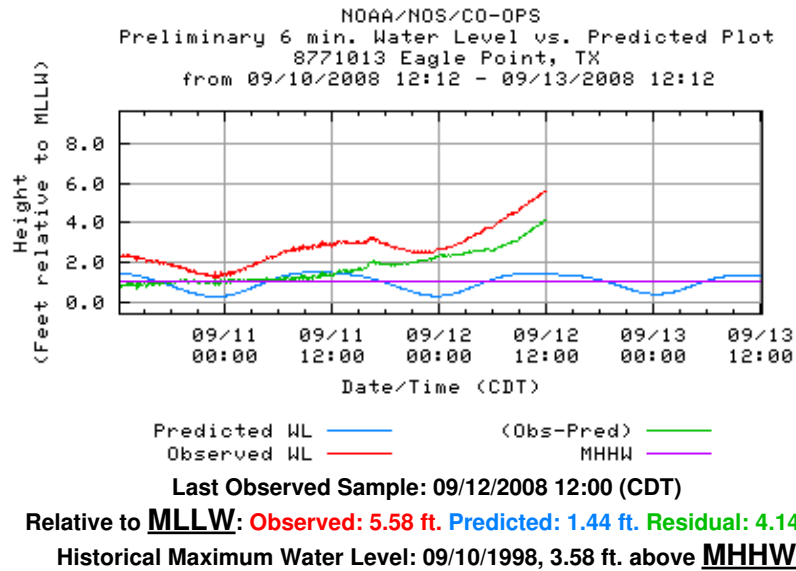
Galveston Pleasure Pier, TX - Station Map [Return to List](#)



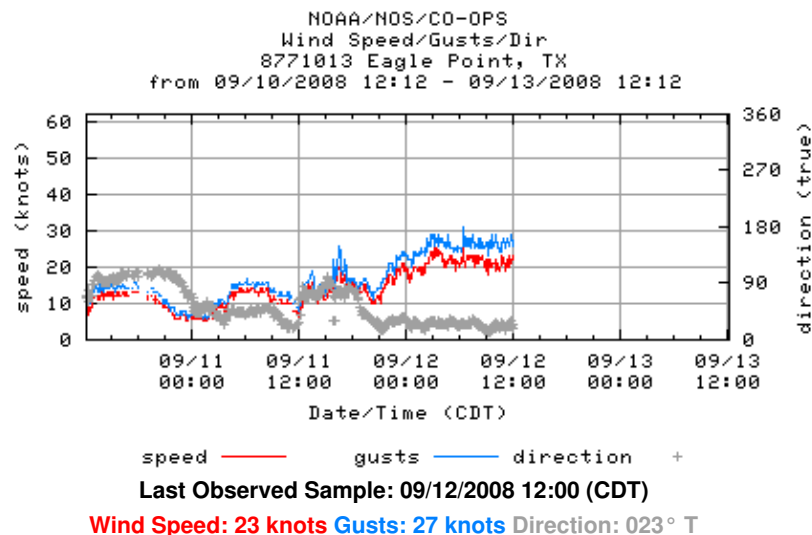
Galveston Pleasure Pier, TX - Station Map [Return to List](#)



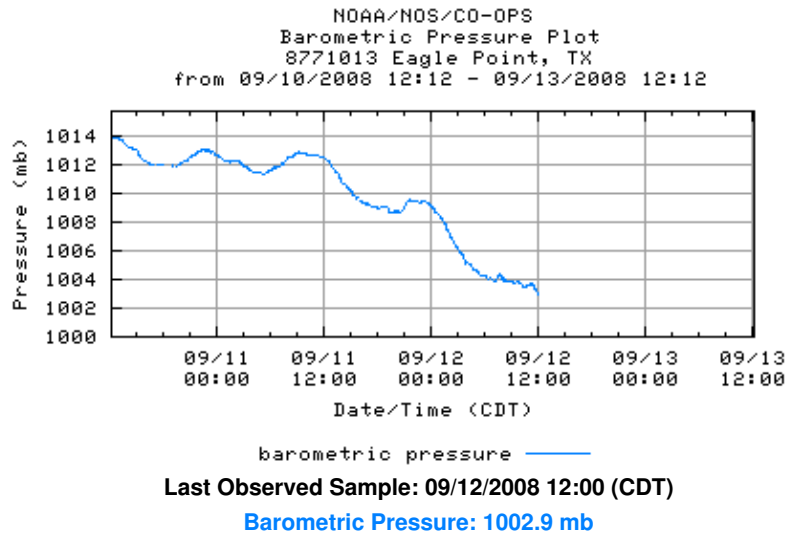
Eagle Point, TX - Station Map [Return to List](#)



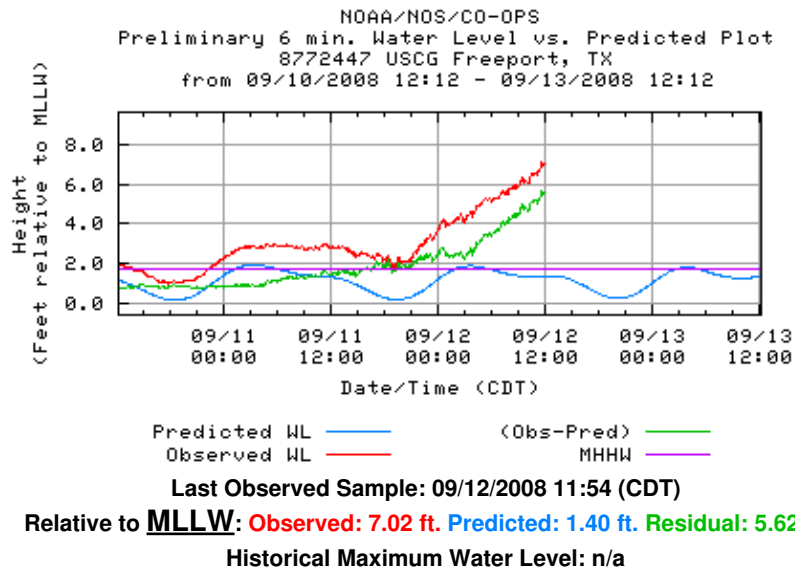
Eagle Point, TX - Station Map [Return to List](#)



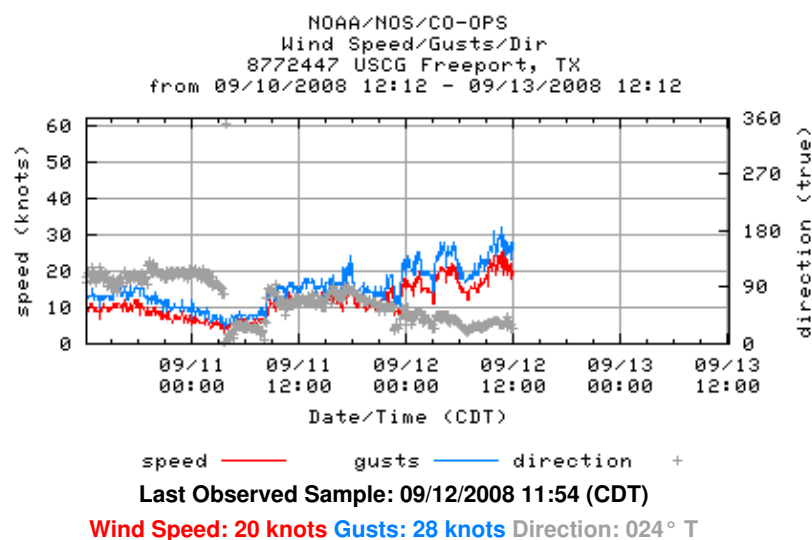
Eagle Point, TX - Station Map [Return to List](#)



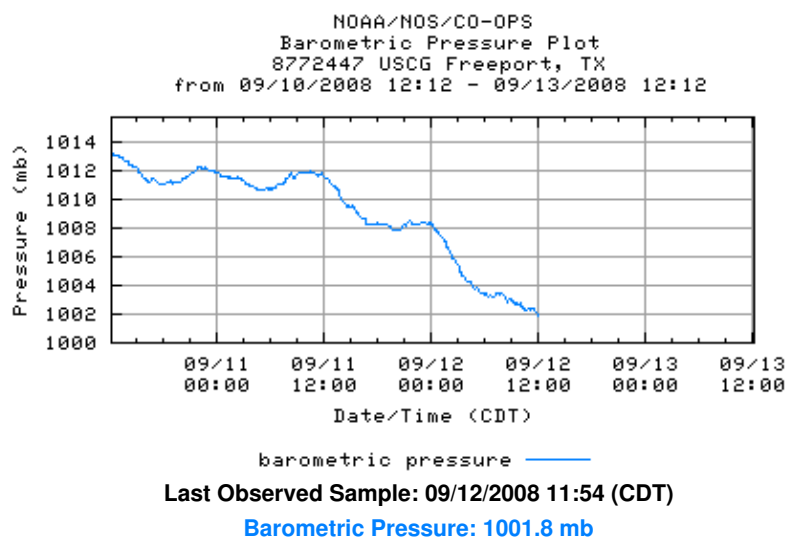
USCG Freeport, TX - Station Map [Return to List](#)



USCG Freeport, TX - Station Map [Return to List](#)



USCG Freeport, TX - Station Map [Return to List](#)



Hurricane IKE QuickLook, POSTED 12:00 CDT 09/12/2008

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National Oceanic and Atmospheric Administration | U.S. Department of Commerce